Discovery of a new WNL star in Cygnus with Spitzer

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We report the serendipitous discovery of an infrared ring nebula in Cygnus using the archival data from the Cygnus-X Spitzer Legacy Survey and present the results of study of its central point source. The optical counterpart to this source was identified by Dolidze (1971) as a possible Wolf-Rayet star. Our follow-up spectroscopic observations with the Russian 6-m telescope confirmed the Wolf-Rayet nature of this object and showed that it belongs to the late nitrogen-sequence (WN8).